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FIG. 1

SREB 1 MANASEPGGSGGGEAAALG---LKLATLSLLLCVSLAGN 36
SREB 2 MANYSHAADNILLONLSP--LTAFKLKLTSLGFIIGVSVVGN 38
SREB 3 MANTTGEPEEVSGALSPPSASAYVKLVLLGLIMCVSLAGN 40

SREB 1 VLFALLIVRERSLHRAPYYLLLDLCLADGLRALACLPAVM 76
SREB 2 LLISILLVKDKTLHRAPYYFLDLCCSDILRSAICFPFVF 78
SREB 3 AILLSLLVLKERALHKAPYYFLDLCLADGIRSAVCFPFVL 80

SREB 1 LAARRRAAAAAGAPPGALGCKLLAFLAALFCFHAAFLLLGV 116
SREB 2 NSVKNGSTWTY---GTLTCKVIAFLGVLSCHFHTAFMLFCI 115
SREB 3 ASVRHGSSWTF---SALSCKIVAFMAVLECFHAAFMFCI 117

SREB 1 GVTRYLAIAHHRFYAERLAGWPCAAMLVCAAWALALAAAF 156
SREB 2 SVTRYLAIAHHRFYTKRLTFWTCLAV-ICMVWTLSVAMAF 154
SREB 3 SVTRYMAIAHHRFYAKRMTLWTCAAV-ICMAWTLSVAMAF 156

SREB 1 PPVLDGGG---DDEDAPCALEQRPDGAPGALGFLLLLAVV 193
SREB 2 PPVLDVGTYSFIREEDQCTFQHRSFANDSLGFMLLLALI 194
SREB 3 PPVFDVGTYKFIREEDOCIFEHRYFKANDTLGFMLMLAVL 196

SREB 1 VGATHLVYLRLLFFIHDRRKMRPEARLVPAVSHDWTFHGPG 233
SREB 2 LLATQLVYLKLIFFVHDRRKMKPVQFVAAVSONWTFHGPG 234
SREB 3 MATHAVYGKLLLEFYRHRKMKPVQMVPATSONWTFHGPG 236

SREB 1 ATGQAAANWTAGFGRGPTPPALVGIRPAGPGRGARRLLV 273
SREB 2 ASGQAAANWLAGEFGRGPTPTLLGIRONANTTGRRRLLV 274
SREB 3 ATGQAAANWIAGEFGRGPMPTLLGIRONGHAAASRR-LLGM 275

SREB 1 EEFKTEKRLCKMFYAVTLLFLLWGPYVVASVLRVLVRPG 313
SREB 2 DEFKMEKRISRMFYIMTEFLTLWGPYLVACYWRVFARGP 314
SREB 3 DEVKGEKQLGRMFYAITLLFLLWSPYIVACYWRVFVKAC 315

SREB 1 AVPQA YLTASVWLTFAQAGINPVVCFLFNREL RD CFRAQF 353
SREB 2 VVPGGELTA AVWMSFAQAGINPVVCIFSNRELRRCFSTTL 354
SREB 3 AVPHRYLATAVWMSFAQA AVNPVVCFLLNKDLKKCLRTHA 355

SREB 1 PC CQSPRTTQA THP--CDLKGIGL 376
SREB 2 LYCRKS---RLPREPYC-----VI 371
SREB 3 P-CWGTGGAPAPREPYC-----VM 374

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FIG. 2

141

24-

4.4-

7.5-

၆၆၂

brain

lung

liver

skeletal muscle

kidney

pancreas

141

2.41

4.4-

75-

၁၆၂

spleen

thymus

prostate













testis

ovary

small intestine

large intestine

peripheral leukocyte

Figure	Chemical Structure	Compound Name	Yield (%)	mp (°C)	lit. mp (°C)	lit. yield (%)
1		1,2-dichloroethane	100	34.5	34.5	100
2		1,1-dichloroethane	100	36.5	36.5	100
3		1,1,2-trichloroethane	100	37.5	37.5	100
4		1,1,1-trichloroethane	100	38.5	38.5	100
5		1,1,2,2-tetrachloroethane	100	39.5	39.5	100
6		1,1,1,2-tetrachloroethane	100	40.5	40.5	100
7		1,1,2,2,3-pentachloropropane	100	41.5	41.5	100
8		1,1,1,2,2-pentachloropropane	100	42.5	42.5	100
9		1,1,1,2,2,3-hexachloropropane	100	43.5	43.5	100
10		1,1,1,2,2,3,3-heptachloropropane	100	44.5	44.5	100
11		1,1,1,2,2,3,3,4-octachloropropane	100	45.5	45.5	100
12		1,1,1,2,2,3,3,4,4-nonachloropropane	100	46.5	46.5	100
13		1,1,1,2,2,3,3,4,4,5-decachloropropane	100	47.5	47.5	100
14		1,1,1,2,2,3,3,4,4,5,6-undecachloropropane	100	48.5	48.5	100
15		1,1,1,2,2,3,3,4,4,5,6,7-dodecachloropropane	100	49.5	49.5	100
16		1,1,1,2,2,3,3,4,4,5,6,7,8-tridecachloropropane	100	50.5	50.5	100
17		1,1,1,2,2,3,3,4,4,5,6,7,8,9-tetradecachloropropane	100	51.5	51.5	100
18		1,1,1,2,2,3,3,4,4,5,6,7,8,9,10-pentadecachloropropane	100	52.5	52.5	100
19		1,1,1,2,2,3,3,4,4,5,6,7,8,9,10,11-hexadecachloropropane	100	53.5	53.5	100
20		1,1,1,2,2,3,3,4,4,5,6,7,8,9,10,11,12-heptadecachloropropane	100	54.5	54.5	100
21		1,1,1,2,2,3,3,4,4,5,6,7,8,9,10,11,12,13-octadecachloropropane	100	55.5	55.5	100
22		1,1,1,2,2,3,3,4,4,5,6,7,8,9,10,11,12,13,14-nonadecachloropropane	100	56.5	56.5	100
23		1,1,1,2,2,3,3,4,4,5,6,7,8,9,10,11,12,13,14,15-eiccachloropropane	100	57.5	57.5	100
24		1,1,1,2,2,3,3,4,4,5,6,7,8,9,10,11,12,13,14,15,16-tridecachloropropane	100	58.5	58.5	100
25		1,1,1,2,2,3,3,4,4,5,6,7,8,9,10,11,12,13,14,15,16,17-tetradecachloropropane	100	59.5	59.5	100
26		1,1,1,2,2,3,3,4,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18-pentadecachloropropane	100	60.5	60.5	100
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FIG. 3

1.4—

2.4—

4.4—

7.5—

9.5—

1.4—

2.4—

4.4—

7.5—

9.5—

amygdala

caudate nucleus

corpus callosum

hippocampus

whole brain

substantia nigra

subthalamic nucleus

thalamus

cerebellum

cerebral cortex

medulla

spinal cord

occipital lobe

frontal lobe

temporal lobe

putamen

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FIG. 4

9.5-
7.5-
4.4-
2.4-
1.4-

heart
brain
placenta
lung
liver
skeletal muscle
kidney
pancreas

9.5-
7.5-
4.4-
2.4-
1.4-

spleen
thymus
prostate
testis
ovary
small intestine
large intestine
peripheral leukocyte

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FIG. 5

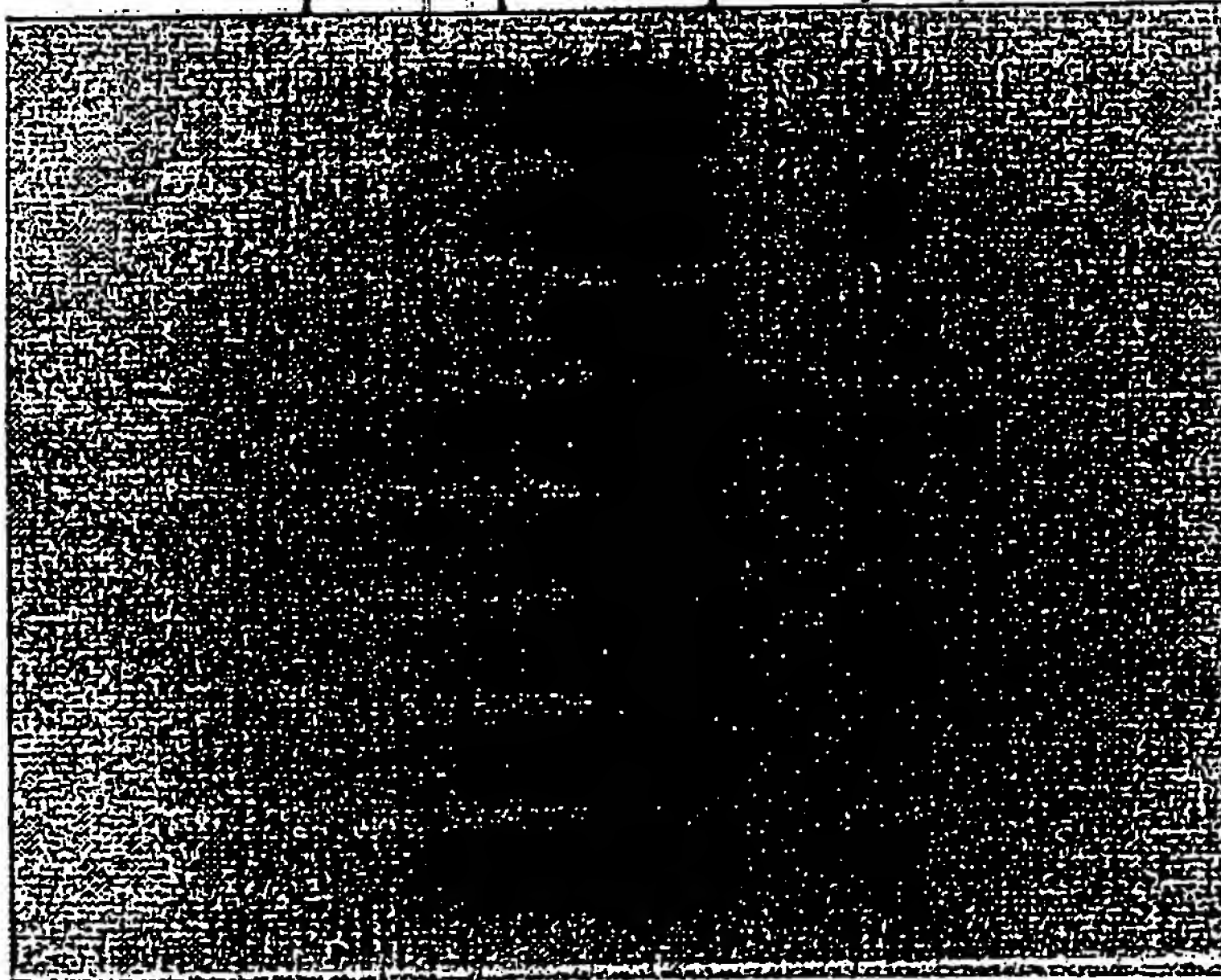
1.4—

2.4—

4.4—

7.5—

9.5—



amygdala

caudate nucleus

corpus callosum

hippocampus

whole brain

substantia nigra

subthalamic nucleus

thalamus

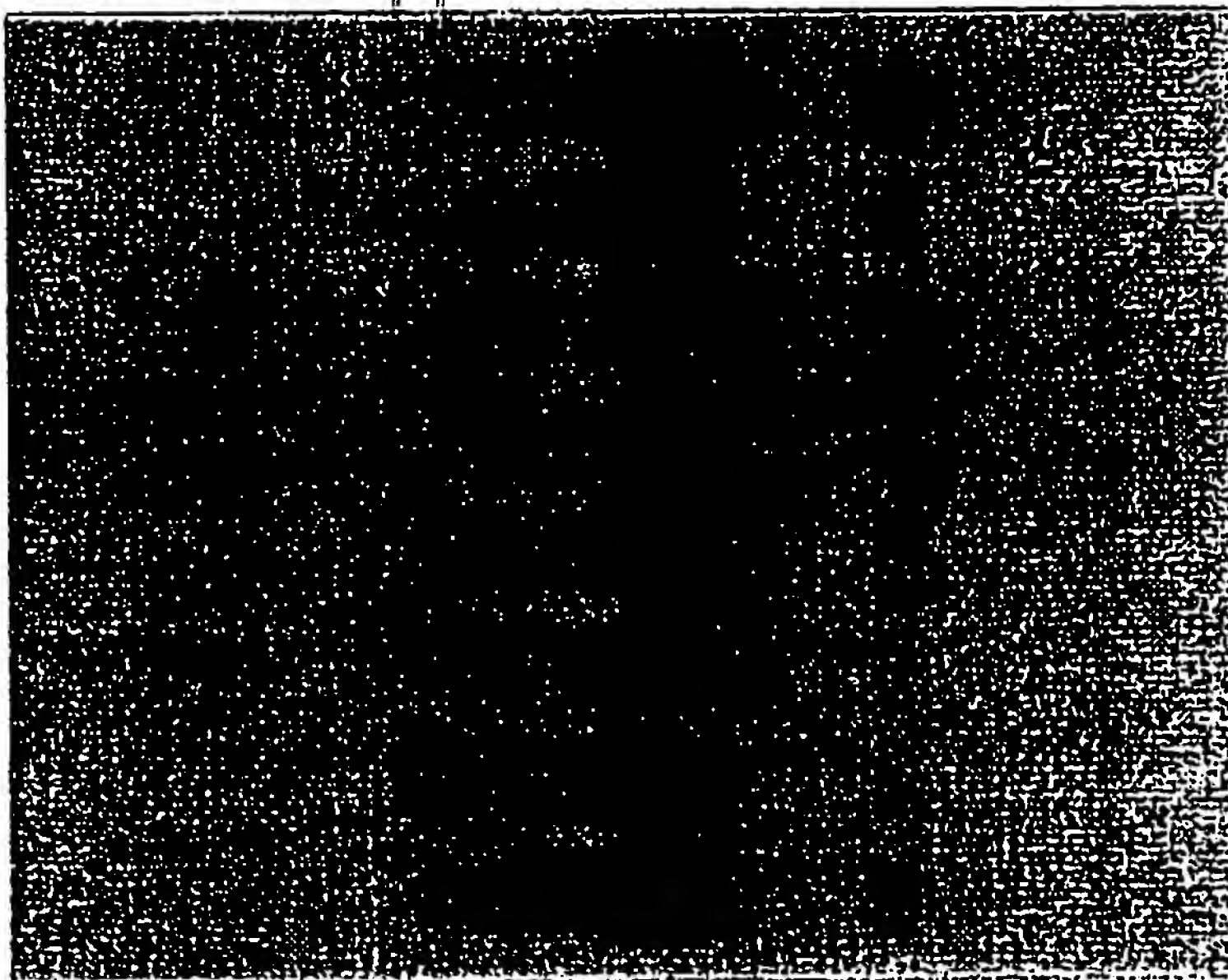
1.4—

2.4—

4.4—

7.5—

9.5—



cerebellum

cerebral cortex

medulla

spinal cord

occipital lobe

frontal lobe

temporal lobe

putamen

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FIG. 6

1.4-

2.4-

4.4-

7.5-

9.5-

heart

brain

placenta

lung

liver

skeletal muscle

kidney

pancreas

1.4-

2.4-

4.4-

7.5-

9.5-

spleen

thymus

prostate

testis

ovary

small intestine

large intestine

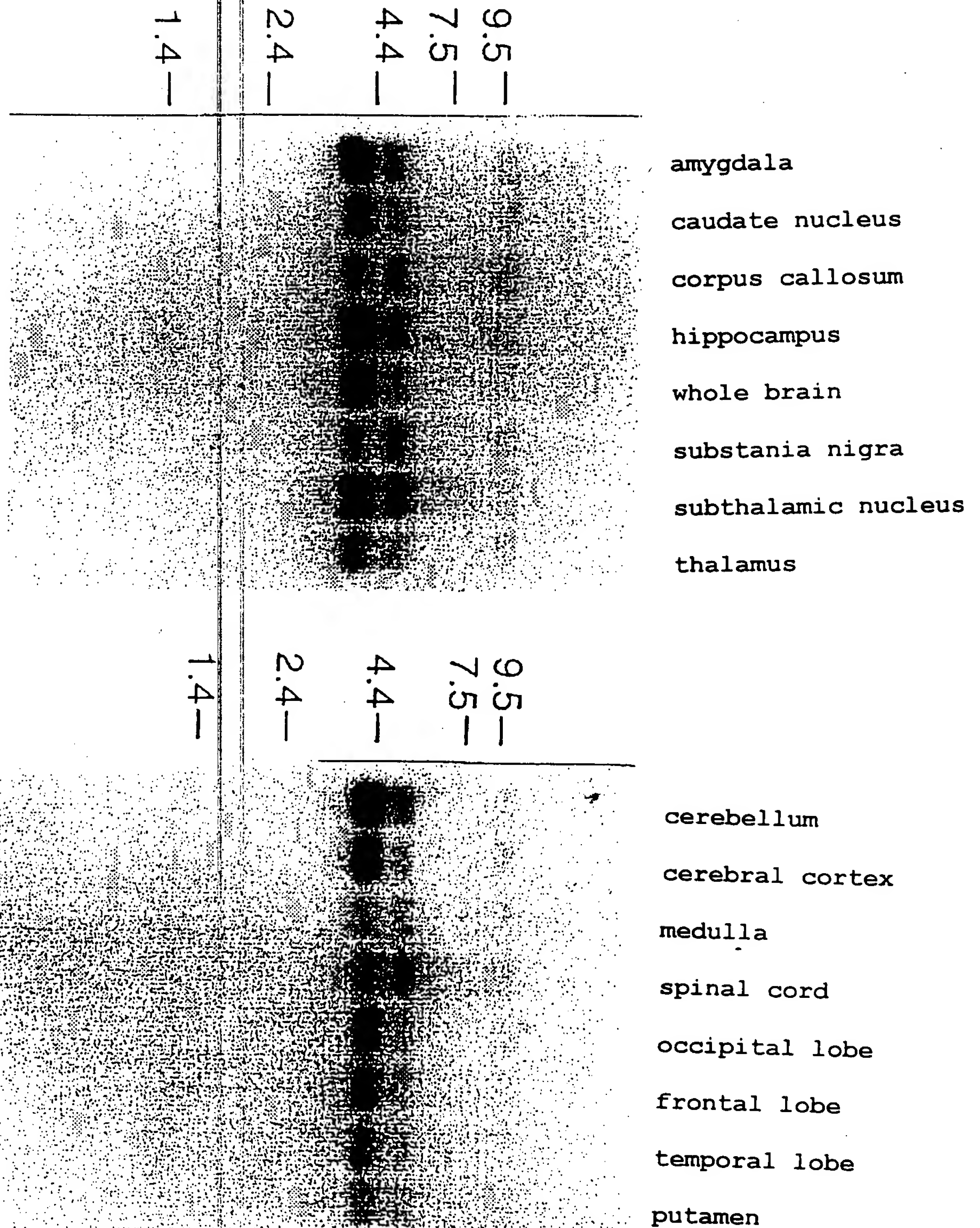
peripheral leukocyte

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FIG. 7

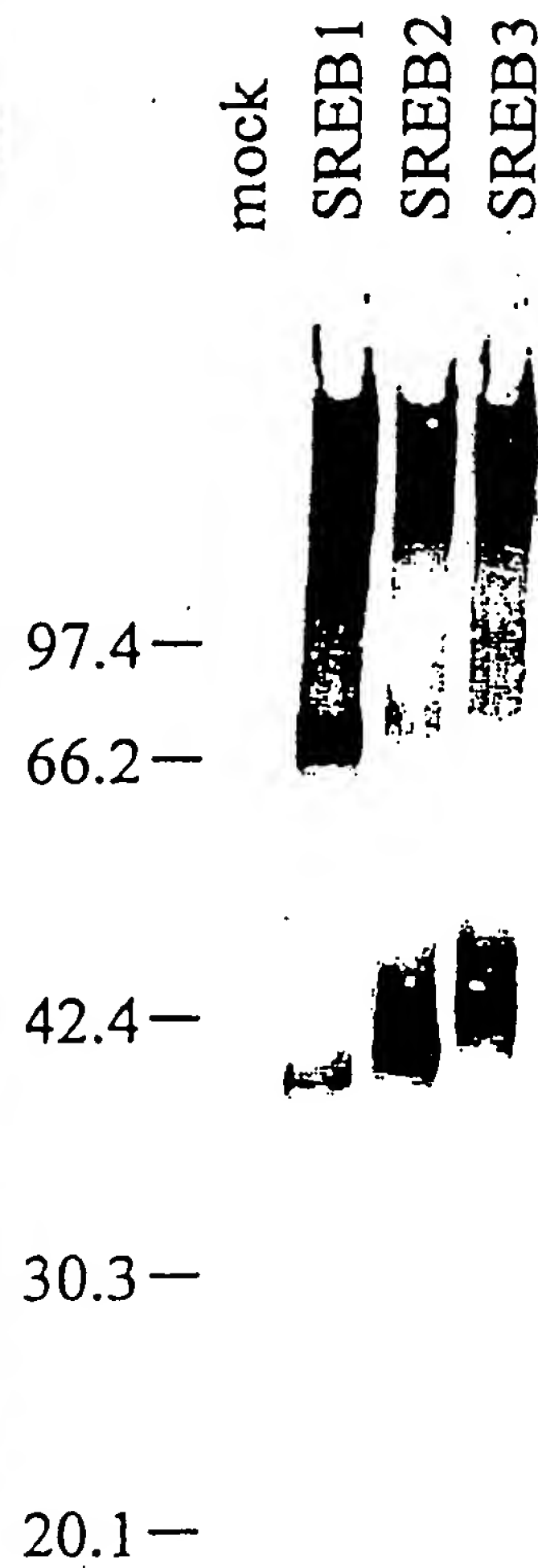


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FIG. 8



anti-FLAG

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FIG. 9

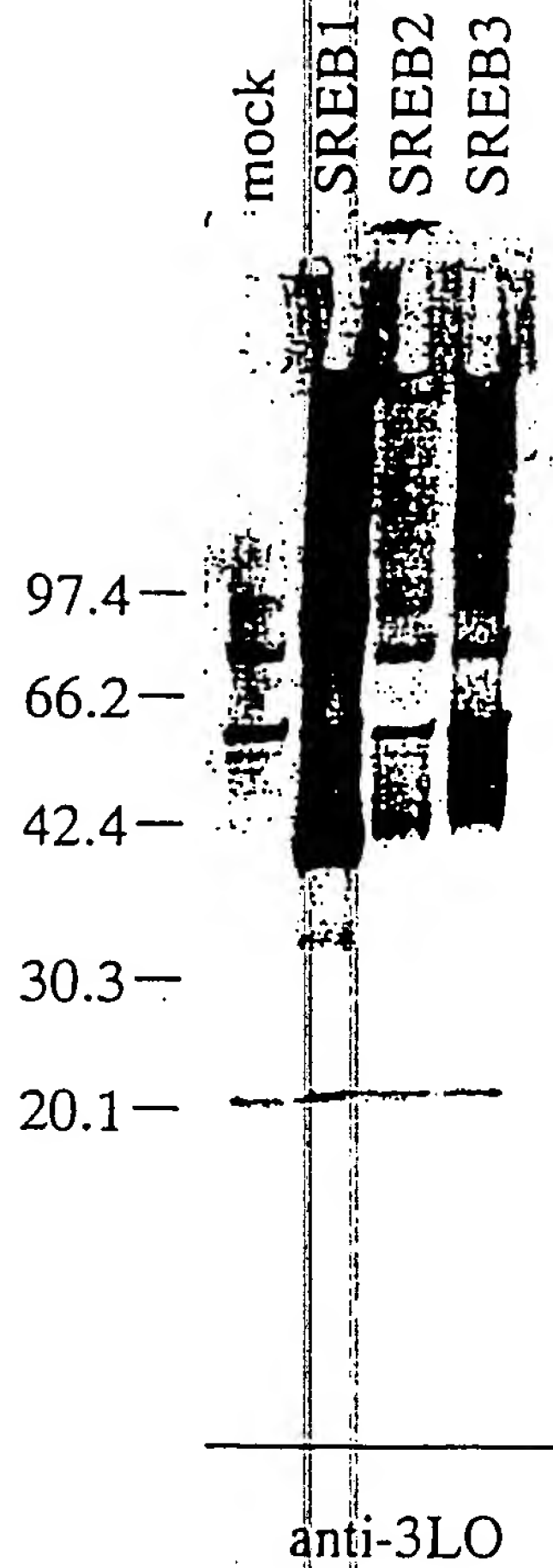
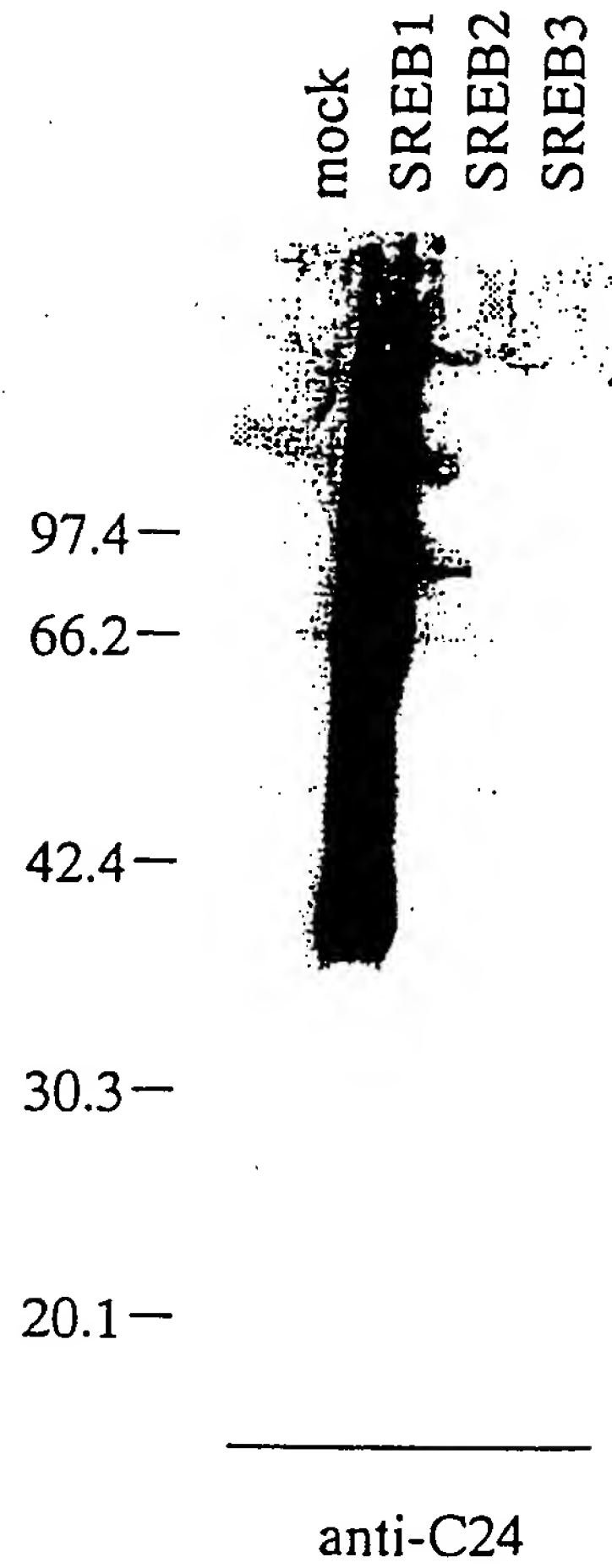


FIG. 10



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FIG. 11

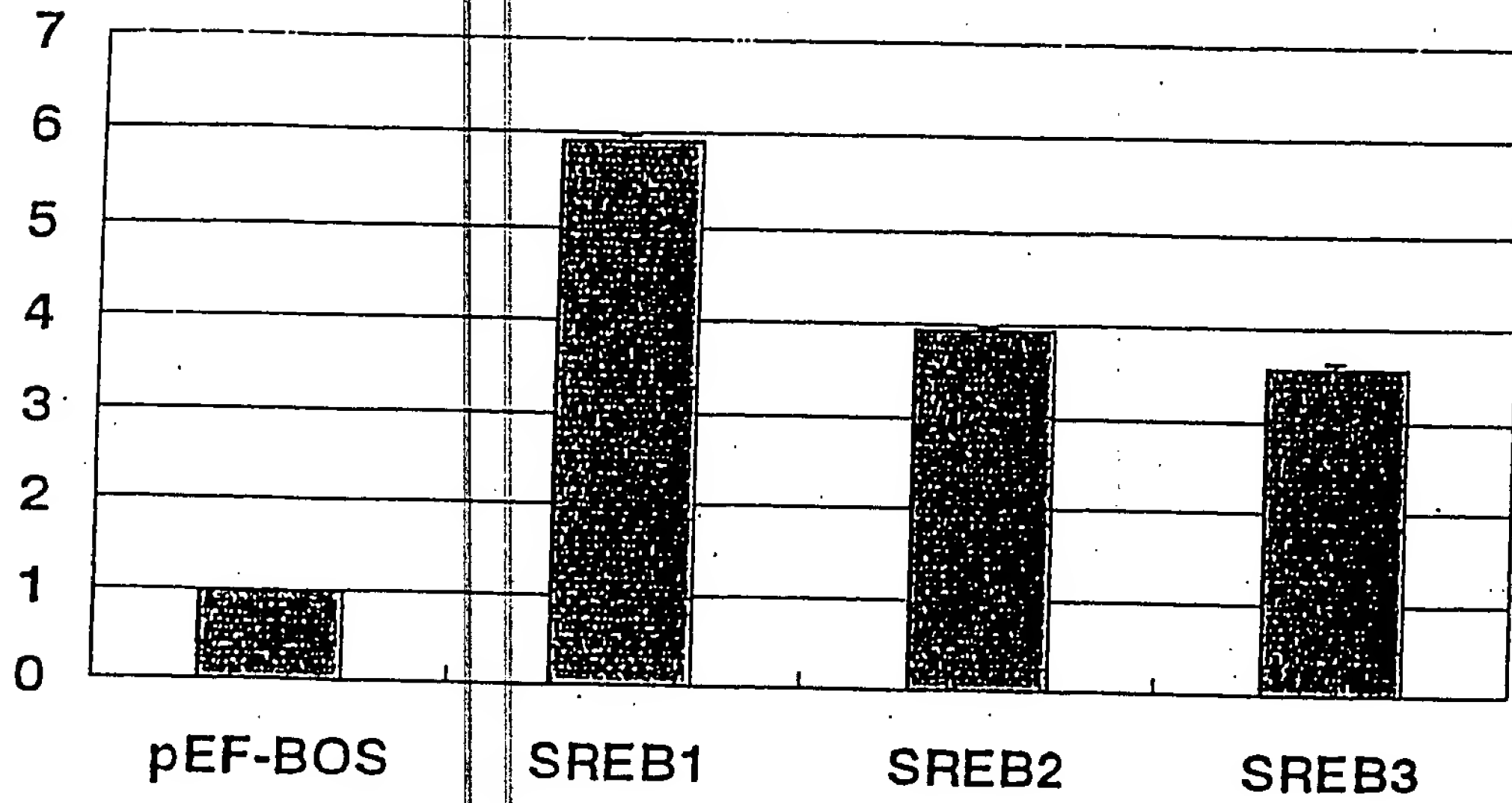


FIG. 12

